Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 16 Aug 2021 until 23:59 on Tuesday 17 Aug 2021

Forecast Issued on Monday 16 Aug 2021 at 03:52

Confidence: High for overall theme, moderate for location and intensity of rainfall.

Headline for Monday 16 Aug 2021: Rather cloudy during the morning, with showers possible in the west. Brightest in the east, especially later on. Breezy.

Mountain weather hazards on Monday 16 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
30%	30%	30%	20%	20%	20%

Forecast for Monday 16 Aug 2021

Weather: Rather cloudy and breezy during the morning, with showery rain feeding into western areas, as eastern areas stay drier. Probably becoming brighter more generally into the afternoon, with sunny spells developing in eastern parts for a time as remaining showers in the west begin to ease, leaving all parts dry for a time into the evening. Cloud thickening and descending once again later in the evening.

Chance of cloud free mountain/hill tops above 600m: 40% initially, becoming 90% early in the morning before deteriorating again overnight.

Visibility: Moderate to poor at first in the west, with cloud bases 500-600m. Generally good but reducing to moderate in afternoon showers.

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Mountain Weather Forecast

Forecast for Monday 16 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 NW	19/25 NW	20/27 NW	19/27 NW	18/26 W	17/24 W	18/25 W
300	16/22 NW	14/21 NW	15/23 NW	17/27 NW	14/22 W	11/19 W	12/19 W
Valley	9/21 NW	10/21 NW	12/24 NW	14/26 NW	12/23 NW	8/19 W	9/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/6	11/7	12/9	11/8	10/6	10/6
300	11/8	12/10	13/10	15/11	14/11	12/10	12/10
Valley	12/10	13/12	14/12	16/13	14/12	13/11	13/11
Freezing Level*	2300m	2000m	1900m	1900m	2000m	2200m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Brisk summit winds will make it feel cooler than temperatures suggest.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 16 Aug 2021	4.2mm	5.6mm	5.6mm

Forecast for Tuesday 17 Aug 2021

Weather: Widespread low cloud with rain and drizzle in the early hours, steadily improving during the morning as the cloud lifts and rain becomes light and intermittent, with the possibility of some sunny spells towards the end of the day.

Maximum wind: Westerly 25mph gusting 25-40mph.

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 80% by midday

Visibility: Very poor at first with cloud base 300m, improving to good later in the day.

Temperature: **Valleys:** Plus 10 Celsius increasing to 17 Celsius.
At 600m: Plus 9 Celsius increasing to 13 Celsius
Freezing level: Above summits.

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